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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

PATENT DOCKET NO.
0942-4750003/PWE/MTTAPPLICATION NO.
10/002,158APPLICANT
Li et al.FILING DATE
December 5, 2001GROUP
1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
MMZ	AA1	4,800,159	01/24/1989	Mullis et al.	435	172.391.2	12/17/1986
MMZ	AB1	4,888,274	12/19/1989	Radding et al.	435	6	01/20/1987
MMZ	AC1	5,484,702	01/16/1996	Ludwig	435	6	01/27/1994
MMZ	AD1	5,759,778	06/02/1998	Li et al.	435	6	09/08/1995
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MMZ	AR	1	Barr, F.G. and Emanuel, B.S., "Application of a Subtraction Hybridization Technique Involving Photoactivatable Biotin and Organic Extraction to Solution Hybridization Analysis of Genomic DNA," <i>Anal. Biochem.</i> 186:369-373, Academic Press, Inc. (1990).
MMZ	AS	1	Cook, D. and Sequeira, L., "The use of subtractive hybridization to obtain a DNA probe specific for <i>Pseudomonas solanacearum</i> race 3," <i>Mol. Gen. Genet.</i> 227:401-410, Springer-Verlag (1991).
MMZ	AT	1	Day, P.J.R. et al., "Immobilization of polynucleotides on magnetic particles. Factors influencing hybridization efficiency," <i>Biochem. J.</i> 278:735-740, Portland Press Limited (1991).

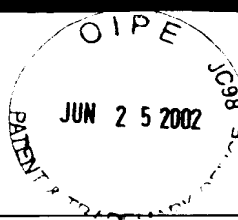
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T. M. Lock

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July 14, 2002

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.4750003/RWE/MTT	APPLICATION NO. 10/002,153
	APPLICANT Li et al.	
	FILING DATE December 5, 2001	GROUP 1636

U.S. PATENT DOCUMENTS							
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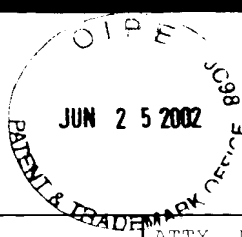
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>mmf</i>	AF	2	Duguid, J.R. et al., "Isolation of cDNAs of scrapie-modulated RNAs by subtractive hybridization of a cDNA library," <i>Proc. Natl. Acad. Sci. USA</i> 85:5739-5742, The National Academy of Sciences (1988).
<i>mmL</i>	AS	2	Fry, G. et al., "A New Approach to Template Purification for Sequencing Applications Using Paramagnetic Particles," <i>BioTechniques</i> 13:124-131, Eaton Publishing Company (July 1992).
<i>mmf</i>	AT	2	Garber, A.T. and Herfort, M.H., "A Novel Subtractive Hybridization Screening Method Yields Psoriasis-Associated Dermal Fibroblast cDNA Clones," <i>Clin. Res.</i> 39:472A, American Federation for Clinical Research (1991).

EXAMINER <i>mmf</i>	DATE CONSIDERED <i>July 14, 2002</i>
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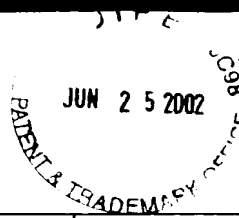
mmf	AR	3	Guesdon, J.-L., "Immunoenzymatic techniques applied to the specific detection of nucleic acids. A Review," <i>J. Immunol. Meths.</i> 150:33-49, Elsevier Science B.V. (June 1992).
mmf	AS	3	Hara, E. et al., "Subtractive cDNA cloning using oligo(dT) ₁₂ -latex and PCR: isolation of cDNA clones specific to undifferentiated human embryonal carcinoma cells," <i>Nucl. Acids Res.</i> 19:7097-7104, Oxford University Press (1991).
mmf	AT	3	Herfort, M.R. and Garber, A.T., "Simple and Efficient Subtractive Hybridization Screening," <i>BioTechniques</i> 11:598, 600-603, Eaton Publishing Company (1991).

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>MTZ</i>	AR	<u>4</u>	Ito, T. et al., "Triplex affinity capture of a single copy clone from a yeast genomic library," <i>Nucl. Acids Res.</i> 20:3524, Oxford University Press (July 1992).
<i>MTZ</i>	AS	<u>4</u>	Ito, T. et al., "Sequence-specific DNA purification by triplex affinity capture," <i>Proc. Natl. Acad. Sci. USA</i> 89:495-498, The National Academy of Sciences (January 1992).
<i>MTZ</i>	AT	<u>4</u>	Kawasaki, E.S., "Amplification of RNA," in <i>PCR Protocols: A Guide to Methods and Applications</i> , Innis, M.A. et al., Eds., San Diego, CA, Academic Press, pp. 21-27 (1990).

EXAMINER <i>MTZ</i>	DATE CONSIDERED <i>Jun 14, 2002</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	




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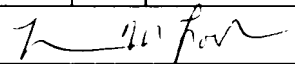
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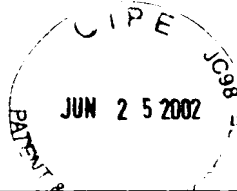
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AE	<u>5</u>	LeBeau, M.-C. et al., "PCR driven DNA-DNA competitive hybridization: a new method for sensitive differential cloning," Nucleic Acids Res. 19:4778, Oxford University Press (1991).
	AS	<u>5</u>	Lewin, B., "Copying mRNA Into tNA," in Genes, Third Edition, Lewin, B., Ed., John Wiley & Sons, New York, NY, pp. 358-359 (1987).
	AT	<u>5</u>	Porteus, M.H. et al., "Isolation and characterization of a library of cDNA clones that are preferentially expressed in the embryonic telencephalon," Mol. Brain Res. 12:7-22, Elsevier Science Publishers B.V. (January 1992).

EXAMINER 	DATE CONSIDERED July 14, 2002
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	APPLICANT Li et al.	
	FILING DATE December 5, 2001	GROUP 1636

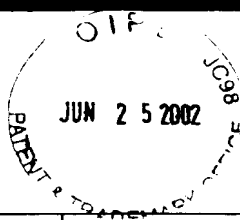
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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>MTZ</i>	AP	<u>6</u>	Promega Corporation, Madison, WI, "Nucleic Acid Detection, Purification and Labeling," Promega Protocols and Application Guide, Second Edition, pp. 124-132 (1991).
<i>MTZ</i>	AS	<u>6</u>	Promega Corporation, Madison, WI, "cDNA Synthesis and Cloning," Promega Protocols and Applications Guide, Second Edition, pp. 199-211 (1991).
<i>MTZ</i>	AT	<u>6</u>	Pruitt, S.C., "Expression vectors permitting cDNA cloning and enrichment for specific sequences by hybridization/selection," Gene 66:121-134, Elsevier Science Publishers B.V. (1988).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>MTZ</i>	AR	1	Rashtchian, A. et al., "Uracil DNA Glycosylase-Mediated Cloning of Polymerase Chain Reaction-Amplified DNA: Application to Genomic and cDNA Cloning," <i>Anal. Biochem.</i> 206:91-97, Academic Press, Inc. (October 1992).
<i>MTZ</i>	AS	1	Figas, B. et al., "Rapid plasmid library screening using RecA-Coated biotinylated probes," <i>Proc. Natl. Acad. Sci. USA</i> 83:9591-9595, The National Academy of Sciences (1986).
<i>MTZ</i>	AT	1	Fubenstein, J.L.R. et al., "Subtractive hybridization system using single-stranded phagemids with directional inserts," <i>Nucl. Acids Res.</i> 18:4833-4842, IRL Press (1990).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MTT</i>	AE	8	Scott-Craig, J.S. et al., "Isolation of <i>Bradyrhizobium japonicum</i> DNA sequences that are transcribed at high levels in bacteroids," <i>Mol. Gen. Genet.</i> 228:356-360, Springer-Verlag (1991).
<i>MTT</i>	AS	8	Sive, H.L. and St. John, T., "A simple subtractive hybridization technique employing photoactivatable biotin and phenol extraction," <i>Nucl. Acid Res.</i> 16:10937, IRL Press Limited (1988).
<i>MTT</i>	AT	8	Swaroop, A. et al., "A simple and efficient cDNA library subtraction procedure: isolation of human retina-specific cDNA clones," <i>Nucl. Acids Res.</i> 19:1954, Oxford University Press (1991).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

7/11/2	AF	9	Syvänen, A.-C. et al., "Direct sequencing of affinity-captured amplified human DNA application to the detection of apolipoprotein E polymorphism," <i>FEBS Lett.</i> 258:71-74, Elsevier Science Publishers B.V. (1989).
7/11/2	AS	9	Takabatake, T. et al., "The use of purine-rich oligonucleotides in triplex-mediated DNA isolation and generation of unidirectional deletions," <i>Nucl. Acid Res.</i> 20:5853-5854, Oxford University Press (November 1992).
7/11/2	AT	9	Timblin, C. et al., "Application for PCR Technology to Subtractive cDNA cloning: identification of genes expressed specifically in murin plasmacytoma cells," <i>Nucl. Acids Res.</i> 18:1587-1593, Oxford University Press (1990).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

7/17	AR	10	Vandeyar, M.A. et al., "A simple and rapid method for the selection of oligodeoxynucleotide-directed mutants," Gene 65:129-133, Elsevier Science Publishers B.V. (1988).
7/17	AS	10	Wang, Z. and Brown, D.D., "A gene expression screen," Proc. Natl. Acad. Sci. USA 88:11505-11509, The National Academy of Sciences (1991).
7/17	AT	10	Watson, J.D. et al., "Synthetic Oligonucleotide Probes Can Be Designed from Known Protein Sequence," in Recombinant DNA, Second Edition, Watson, J.D. et al., Eds., W.H. Freeman & Co., New York, NY, p. 107 (1991).

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<i>MTT</i>	AR	<u>11</u>	Wieland, I. et al., "A method for difference cloning: Gene amplification following subtractive hybridization," <i>Proc. Natl. Acad. Sci. USA</i> 87:2720-2724, The National Academy of Sciences (1990).
<i>MTT</i>	AS	<u>11</u>	Welcher, A.A. et al., "Selective enrichment of specific DNA, cDNA, and RNA sequences using biotinylated probes, avidin and copper-chelate agarose," <i>Nucl. Acids Res.</i> 14:10027-10044, IRL Press Limited (1986).
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